



southern california dx club

NOVEMBER 2002



Public Service

The SCDXC is proud to include among its membership Hams who are dedicated to teaching our young people the Ham Radio Art.

Tom Orr, W6HT, has been an active supporter of the Scout Jamboree for twenty years.



Soap Box— Words from our President

Thanks to Doug, N6RT for a very informative and interesting program on the WRTC from Finland. The competition has turned out to be very popular and growing at each new contest. Congratulations to Doug and all the participants.

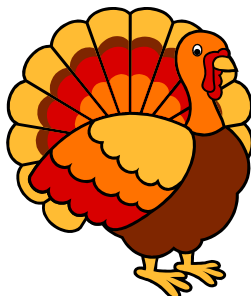
The bands conditions appear to be improving. There are lots of stations on getting ready for the CQWW Phone contest. Worked ZL7C just about everywhere, including I think 160 meters at 4:00AM this morning (21/10.02). Also, several J75 stations, 7x4, JT1 and 7Q7. Marilyn and Dana picked up the ZL7C on 10 meters Sunday morning for new ones for them.

The plans for the Holiday Party are coming along. Look elsewhere in this Newsletter for detailed information. It will be a Sunday Brunch with lots of great food, entertainment, camaraderie and of course the famous Holiday Party Raffle, with lots of great prizes. Herb promises to make this one of the best ever.

I'll be heading to Texas outside of San Antonio and from there to



West Palm Beach, Florida for a week of work. Should be returning on Thursday afternoon the night of the meeting, and hope to make it. It's all up to the airlines. I look forward to seeing everyone there.



Nominations

Your nominations for the SCDXC 2003 year officers should be sent to KJ6Y ASAP.

SO SOON! Yep, It is that time to send a check for 2003 dues. Still \$18. Checks should be sent to Treasurer Cathy Gardenias, 1873 N Dundee, Highland, CA 92346

Next General Meeting

The SCDXC meets the second Thursday of the month. Our next meeting will be held 7:00 P.M. November 14, 2002 at Syd Kronenthal Park in Culver City. The park is located 4 blocks west of La Cienega Blvd. and 2 blocks south of Washington Blvd. From the 10 Freeway exit La Cienega south to Washington Blvd. Turn right (west) 4 blocks to McManus Ave (it's La Cienega Ave to the right, McManus to the left). Turn left (south) 2 blocks to the Park. The street dead-ends at the parking lot.

Please do not park in the school lot.

de the Veep

Last month's presentation by Doug – N6RT on his experiences in the WRTC competition in Finland was great.

Doug put together a super slide show that highlighted his experiences representing one of the US teams in what has become known as the "Olympics of Ham Radio". Doug is an active member of the SCDXC, as well as a top world class contester, and member of the SCCC. Thank you Doug for the great presentation!!!

Congratulations to Chuck, K6RC for winning the major prize at the last meeting. Chuck won the ICOM PCR-1000 receiver. If you haven't seen this unit yet, you should check it out. It is a black box receiver that interfaces to your computer via RS-232, and allows you to listen from 100khz to 1300mhz, and covers all modes including CW, SSB, FM, AM, RTTY, and many other digital modes. There is tons of software packages out there designed to work with this unit too. I wanted to win it myself, and when I didn't, I decided that I had to go back to HRO and buy one for myself. Chuck and I have been exchanging emails with each other as we have been playing with this "toy", and it has been a blast.

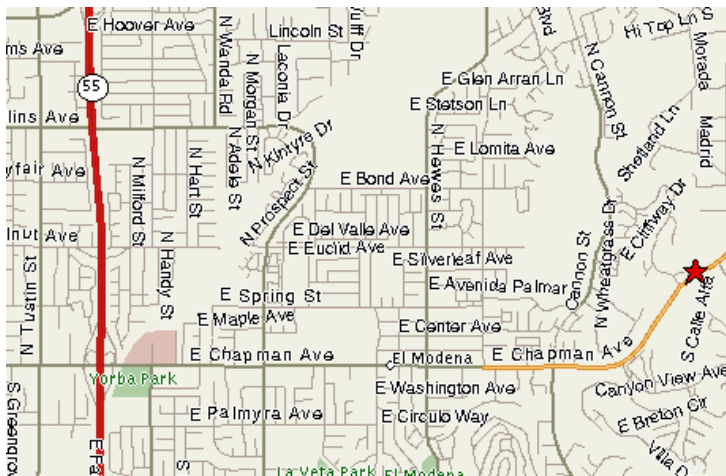
We have some new great prizes for the November meeting, so be sure to come and plan on buying lots of raffle tickets. Looking forward to seeing everyone at the next meeting!





Holiday Party Will Feature Food!

This year's Holiday Party will be on Sunday afternoon, **December 8, 2002** at the Orange Hill Restaurant, in the city of Orange. The Party will go from 11:00am to 3:00pm + - QRM. We decided to have a Sunday brunch this year for the Holiday Party, to allow more time and more people to come without having to worry about driving back and forth at night, etc. When we say brunch, we mean BRUNCH. I think there are over 130 items on the brunch menu, so I promise you will not leave hungry. The Orange Hill Restaurant is a fantastic hill top location in Orange County, about 3-4 miles east of the 55 freeway on Chapman Ave. So you may want to bring your portable HF radios with you, because we may just have a competition to see who can work the best DX from this super location!! There will be some great major prizes too, to finish of another fantastic year for the SCDXC!!!



**Date: - Sunday,
December 8, 2002**
Time: - 11:00am - 3:00pm
Orange Hill Restaurant
6410 E Chapman
Orange, CA 92669
714 997-2910

Sit down Sunday Brunch (all you can eat) including fantastic soups, salads, appetizers, omelets, en-

trees, desserts, beverages, etc. Special Major Raffle Prizes, and great presentation. Casual attire.

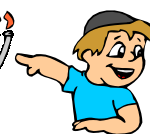
Cost = \$30.00 per person

Name: _____ **Call:** _____

Number of reservations: _____

Send checks to: Cathy Gardenias, 1873 N Dundee, Highland, CA 92346

Reservations are due on Dec 2, 2002



MINUTES of the October Meeting de N6DHZ:



We had a good turnout for the October meeting, it was especially nice to see Art, W6EA back along with several others who have been missing in action for awhile.

It was decided a search party would be organized to venture to the Inland Empire to find the missing Carl, WU6D and Cathy, K6VC. They have not been seen for several months and concern is growing in the club as to their status.

We had one guest this month in the person of Clarence, WB6EDU. We hope Clarence enjoyed the evening and look

forward to seeing him at future meetings.

The program for this month was a very interesting slide show and discussion of WRTC 2002, by Doug, N6RT. Doug and his partner Andrew, N2NT finished in thirteenth out of fifty-two teams. The USA Teams made a good showing at WRTC finishing in 5 of the top 15 positions. I don't think most of us realized exactly how much planning, work and beer go into putting on WRTC.

The "BIG" prize an Icom IC-PCR1000, was won by Chuck, KR6C.

We look forward to seeing everyone next month.

And while I have your attention — here is some information about the new club webpage.

Club members can get their own e-mail address at scdxc.org. there is a link on the main page and one on

the roster page. I have added a place for personal web page links on the roster so if anyone has a web page if they will send the URL I will add it to the roster.

The new DX Standings pages will soon be up and we need to encourage everyone to go to the site and update all their stats. I have added more band and award stats for both DXCC and WAZ.

73
James

Dues are due!

Still \$18.

Send a check for 2003 dues to Treasurer Cathy Gardenias, K6VC, 1873 N Dundee, Highland, CA 92346

Olympics of ham radio contesting

de Doug, N6RT

WRTC-2002, the "Olympics of ham radio contesting" was held this past July in Helsinki, Finland. This event brought 52 international two-operator contesting teams to the same geographic area. All teams operated from similar QTHs and used identical antennas and power to compete within the 24 hour long IARU HF contest to see who is the best.

SCDXC/SCCC member Doug Brandon N6RT was nominated as one of ten team captains representing the USA. Doug along with his teammate Andy Blank N2NT finished 13th overall among the field of 52 teams of world-class contesters. Eight of the top 20 finishers were all teams from the USA.

The official WRTC-2002 web site can be viewed at <http://www.wrtc2002.org>.



Doug—N6RT



OH7JR—N6RT—N2NT



Organizers



The shack

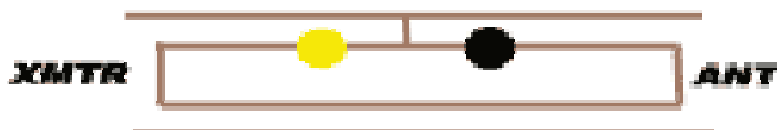
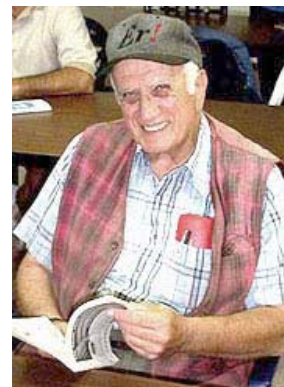
Ham Puzzle

By Milt, W6RJO

Open Wire Line Anyone?

V.H.Ham recently back from his week-end mental rehabilitation retreat now fancies himself as a rugged individualist. "Coax is for sissies, a he-man wants his open wire line", he asserts. He replaces all his coax lines with 2 inch wide open wire line. "But" what do I do for an SWR indicator", he sighs. Aha, he then consults an old ARRL handbook (circa 1955) and constructs what he sees there for 300 ohm twinlead, but he enlarges it to conform to his 2 inch line. His gadget looks like the sketch below. He tries it out by lay-

ing it right on the line and it works like a champ. The dial light bulb on the transmitter side of the indicator glows brightly while the bulb on the antenna side stays dark, proving that his open wire line is matched to his antenna. Otherwise, both bulbs would be lit. How and why does it work?



Propagation November 2002

by Shel, W6EL



These predictions for the five prime HF bands show the times when propagation is expected to be best from Los Angeles to several locations that are expected to be active during the coming month.

Other times are possible, but with weaker signals or lower probability. Openings are not expected on bands that are not listed. A solar flux of 160, corresponding to a sunspot number of 112, and an average geomagnetic field are assumed. Sunrise/sunset times are at the DX location. All times are UTC. Good luck and good DX from Shel, W6EL.

5R Madagascar - 11/5 to 11/13 -
Beam 43 degrees
Sunrise/sunset (on 11/9)
0214/1458
40: 0130-0200.
20: 2300-0300. Long path 1400-1600.
15: 1500-0030.
10: 1600-1930.

CT? Madeira Is. - 11/7 to 11/11 -
Beam 57 degrees
Sunrise/sunset (on 11/9)
0736/1807
80: 0200-0300 and around 0730.
40: 0000-0900.
20: 2130-0300.
15: 1500-2100.
10: 1600-1930.

A3 Tonga - 11/7 to 11/11 -
Beam 234 degrees
Sunrise/sunset (on 11/9)
1658/0548
80: 0630-1400.
40: 0530-1430.
20: 0330-1130 and 1430-1630.
15: 1700-0400.
10: 1800-0230.

JD1 Ogasawara - 11/8 to 11/11 -
Beam 297 degrees
Sunrise/sunset (on 11/10)
2049/0741

80: 0900-1400.
40: 0700-1600
20: 1500-1730 and 0430-0700.
15: 2030-0300.
10: 2130-0100.

VK9L Lord Howe I. - 11/13 to 11/18 -
Beam 240 degrees
Sunrise/sunset (on 11/16)
1822/0756
80: 0930-1400.
40: 0800-1430.
20: 0530-1130 and 1430-1700.
15: 1700-1900 and 0200-0230.
10: 2200-0200.

PJ Netherlands Antilles -
11/10 to 12/2 - Beam 103 degrees
Sunrise/sunset (on 11/21)
1039/2203
80: 0300-1000.
40: 0100-1030.
20: 2200-0400 and around 1300.
10: 1530-2230.

Version 2.70 of W6ELprop is now available for download at <http://www.qsl.net/w6elprop/>.

New Hams Someday?

)Ed note: Our cover story this month features Tom Orr, W6HT, who has been active with the Boy Scouts for many years. Here he tells his story of the last Jamboree on the Air.)

The International Scout Jamboree on the Air (JOTA) has been going on the third weekend of October every year for the last 45 years. During the weekend Scouts the world over visit their nearest ham station then talk to each other by ham radio. It is truly international in scope and even some European countries that normally permit only licensed operators to talk over ham radio make an exception during JOTA.

It is not a contest, no score is kept nor is any record of number of contacts. The purpose is to introduce boys (and girls) to ham radio and have them talk to each other. Many Scouts will later write to each other and exchange scout patches and souvenirs.

There is a souvenir QSL-card sized participation card given out each year as well as a special patch made available. Lots of people is Scouting like to collect the JOTA patches. The patch is different each year. I explain that those who want the patch need to order it from the Boy Scout National headquarters in Texas and they cost \$3.25 each this year.

I usually have somewhere between 50 to 200 visitors at my station each year. I have been doing this off and on since the early 1960s and have missed only one year in the last 20 years. For many people this is their introduction to ham radio. It is amazing to hear how many people have become interested or re-interested in ham radio as a result of visiting a JOTA station.

I order about 250 participation cards each year from the Boy Scout

National headquarters in Texas plus a few of the patches for that year. I go to the local Scout leaders' monthly meetings starting in August each year and talk up the event with the leaders. I pass out a sample participation card and one of the older patches for them to have a look at. I also pass out a flyer explaining what JOTA is and the directions to my house. The flyer says to come anytime between 9:00 AM and 5:00 PM. Stay as long as you want and leave when you want. While JOTA lasts the entire weekend I participate only on Saturday.

I never put my telephone number on the flyer --- I don't want to be answering the telephone when I am on the air and my XYL usually clears out of the house while JOTA is going on. Nor do I want to keep answering the door, so I put a sign on the front door saying "Scout Jamboree on the Air -- come on in."

This year I had 59 scouts, parents, and leaders sign my visitors' log. Most contacts were with the U.S. and Canada. I am sure that I would have had more exotic contacts if I had visitors during the "gray line" DX conditions but the object is for the Scouts to talk to each other and not to work DX.

When a new group of visitors arrive I take them out in the back yard and demonstrate how the antenna rotates and show how my motorized tower will telescope up and down. I then take them inside and ask them if it is possible to talk with other stations by not using voice. Most of them guess "Morse code" but some have no idea what the code is about. I let the Scouts play with my automatic keyer for a while, showing them how to change the keying speed.

I also have a CQ DX map of the world laid out on a table and hand them a bunch of DX QSL cards and see if they can identify what country the cards came from and explain by

the map how the DX prefixes work. They usually ask me how many different countries I have talked to. My answer this year was "All except Yemen" then challenge them to find Yemen on the map.

We talked to 28 different stations this year, all in the U.S. and Canada. About half of them had Scouts present.

Some stations operate portable during JOTA with more or less a field-day type setup. I find for those not familiar with ham radio, having a good antenna and rig such as at a home station gives much better signal and makes it easier for the non-hams to understand.

So, next year, maybe you can invite a bunch of Scouts to see your station and increase the publicity for ham radio.

I have only missed one Scout Jamboree on the Air (JOTA) in the last 20 and that was because I was teaching a Scout leaders training course that weekend. I have more fun than the kids!

Send your check now for the HOLIDAY PARTY
See page 3 for the full details.
Fun, Food, Raffle

QSL sWANTED!

No doubt you have a QSL with a story.
Send it to the editor and share!

If you can, scan it and send as an .jpg attachment to e-mail

WB6RSE has a story too!

The CW DXCC award officially started on January 1, 1975. CW contacts prior to that counted for the mixed award. A new era had started. It was very different from today's new DX challenge award - where you can send in cards



from years ago and have them count. Hardly a level playing field, especially for the newcomer. But that's another story.

For the CW award, that January, everybody started from zero. Back then, the top of the Honor Roll for CW wasn't close to the Phone or Mixed award numbers because it

took quite a few years for every entity to be activated. In those early days, you could be at the "top" of the CW Honor with fewer than 200 countries. This Honor Roll actually had gaps in it. You could be ten, or eleven, or twelve or more from the top and still be on the CW Honor Roll because some numbers were simply vacant. And the rule is the top 10 numbers with credits constitute the HR. That's all been equalized now since every entity was activated on CW quite a number of years ago (and most of us are still waiting for a sustained CW operation from P5!)

After a few years, finding new ones on CW got slow. One strategy was going on Phone and asking for the operator to flip over to CW - OK, sometimes it was begging. This also meant some forays into the no man's land of the phone list. One such gathering was the 20m W7PHO "family hour," - whatever that meant. In 1979, the rare A51PN, Pradhan, was a regular on frequency. Bill, W7PHO, occasionally "permitted" - what amounted to a royal decree -

a CW contact on frequency. More often than not, the CW operating was quashed because it "took too long," and then the infamous "taking of the last two," for ten minutes, would start anew. Ah, but that is yet another story!

I'd worked Pradhan on SSB but desperately wanted a CW contact for a new one. I checked into the net and requested a CW contact with the Bhutan station. Request denied! Not by the DX, but by the net "control." So I just read the mail. Towards the end of the net, PHO set up a sched with Pradhan for the next morning (West Coast Time) on SSB way up the band, close to 14300. I made a note. The next day, I was there at the appointed time. A51PN came up on frequency and called W7PHO on SSB. No response. He called again. Still nothing. So I called on CW and he came right back on CW. No SSB involved at all. Then he went QRT. What a coup! The card is testimony to the August 23, 1979 contact.

SCDXC On-Line

Have you visited the SCDXC web site lately? If not you may want to check it out the next time your surf'n the web. The newly designed web site has been up and running for two months now and seems to be well received by the members.

Virtually every page has been updated to one degree or another, we have added more information on the members DX Standings page to include DXCC and WAZ statistics on 10m-160m. We encourage everyone to update their DX Standings with our simple to use form.

The Roster has been updated along with the Constitution and Bylaws which were changed by the club at the August meeting. The newsletter

page will be updated monthly with all but the current months newsletter available for downloading. The Club History page now includes a list of past Presidents and will be expanded considerably in the near future. The Roster now includes a complete list of the charter members.

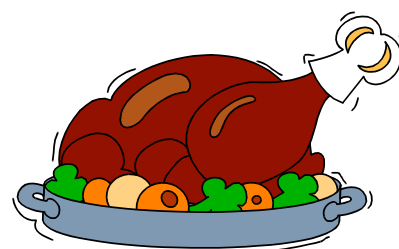
Also the meetings page, along with having the usual information on the next program and directions to the park now has a brief report on the meetings.

Something new to the site is that all the members can now get a yourcall@scdxc.org e-mail address. Details can be found at <http://www.scdxc.org/scdxc-email.html>

We would also like to thank the nu-

merous club members who we've been pestering for names dates and other information for the site. The help of these members is very much appreciated.

The Webmaster
webmaster@scdxc.org



Happy
Thanksgiving

Famous DX Operators

BIG GUN

Clears throat in pileup; receives 40 over 9 report.
Is immediately called by name by DX station
Writes critiques of technical articles in *QST*
Knows beam headings and prefixes of every DXCC entity
Has made highest claimed scores in last eight CQ WW DX contests
Speaks 14 languages well enough to get an immediate QSL
Receives QSL shipments from Bureau via UPS
Has 8BDXCC and P5, VP6DI and YA cards on the wall

LITTLE PISTOL

Is last W6 to get through pileup and is 40 minutes late for work. He usually has to spell name 4 times phonetically
Had a letter to the editor printed once in *QST*
Knows roughly where Europe and Japan are

Was highest scoring Tech + in section in first ARRL Sweepstakes

Knows a few dirty French words; uses them to insult others on 75 meters

Receives QSL cards by first class mail

Has 40-mtr WAS and W1AW QSL cards on wall

LOST CAUSE

Wastes 4 hours calling with no luck, finds cat strangled by neighbor with TVI

Has no idea what "split" means. Is called colorful names accordingly

Has a lifetime subscription to *World Radio*

Turns 2-mtr beam toward the other guys house when working thru the repeater

Tied for 4th place in Riverside county in the last California QSO Party

Has been spelling "amateur" wrong all his life

Still gets QSL samples from the Little Print Shop

Has RCC and ARRL membership certificates on his wall

Retirement DXing: The WA5VGI Experience

Part 5: The Resurrection



DXers are a tough bunch. The collapse of my Tri-Ex LM 470 tower was a major setback but I was determined that I would overcome this obstacle as I had others. On the morning of the event (20 July 2001) I got back on 75 meters using my 160 meter beverage and 20 watts. I told the fellows on 3.790 MHz what had happened.

Shortly thereafter I received e-mails from Rich, K7ZV, Dale, K6UA and Tom, N6BT with suggestions as to what to purchase for a new tower. There was agreement that with my high winds and desire to keep up an 80 meter yagi that a crankup tower was mandatory. A suggestion was also made that Skip, KJ6Y might have some leads on used towers as well. Consensus was that I should work with US Tower if I decided to purchase a new tower. I also contacted my insurance company and found that the tower and accessories were covered and that I should assess the total damage and submit a claim.

The next day I began making a list of the total damages. The list grew to be extensive. The tower was beyond repair. The mast was bent. Elements on all of the 3 yagis on the tower had been damaged. Coax leads from the beams to the antenna switch box were ruined. The control cables from the 80 meter yagi switch box (SSB/CW) were also damaged. The rotor had been partially crushed by the mast. In addition I would have to remove all of the antennas, coax and



control leads from the tower and have the tower removed from the site. Also if I switched tower manufacturers I would have to have a custom mounting fixture built. Lots of work and planning to do.

Tom, N6BT loaned me one of his new products (Force-12) to use interim, a 80 meter vertical (Sigma -80). Aside from working 56 countries until the old 80 meter yagi was back in place I was able to work TY22DX on 75 meter SSB for a new one.

Two weeks had passed and the turnaround from the insurance company was simply fantastic! I was now ready to embark on re-

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(Continued from page 9)

moving the old tower, purchase a new tower and re-establish the stack of antennas. Skip, KJ6Y had a couple of leads on used towers but I decided that I would opt for a new tower. I contacted Bruce



Kopitar, WB6UST who is the president of US Tower and we arranged a meeting for me to come up to Visalia and discuss purchase of a new tower. I met with Bruce on 08 August and after a lengthy discussion I purchased a HDX-572MDPL heavy-duty motorized crank-up tower. The ball was rolling.

I contacted Riggs Hohmann, WA6HR who had helped me install the original tower and asked him if he would help me take down the old tower. We struck an agreement where he would take down the old tower and keep it for his effort. Prior to Riggs' arrival I rented a 45 foot boom-lift and used it to remove all of the hardware from the tower. In addition I ordered the necessary items (beam elements, coax, control cable, mast, rotor) to repair the original antenna system. By mid-August I had replaced all of the damaged cables, hardware and beam elements. All was ready to go.

Near the end of August I received a telephone call from Bruce at US Tower saying my custom mounting fixture had been fabricated

and that the new tower was ready to be picked up. Tom, N6BT had already volunteered to help me pick up the tower so on September 20 we headed up to Visalia to pick up the tower and mounting fixture. We left the Atascadero area around 4:00 AM

and arrived early at US Tower. By 8:30 AM we had the tower and fixture loaded on a rented trailer and were on our way back home arriving around noon. In the driveway was a diesel-powered reach-lift that I had ordered from a local equipment rental company. In addition they had also delivered a 45 foot boom-lift. If

you haven't used or seen a reach-lift they are an amazing piece of equipment. Similar to a fork-lift they can handle lifting several thousand pounds of load and the forks are extendable up to 20 feet and may also be adjusted for angularity. It was a simple task to lift the mounting fixture off the trailer and move it to the tower base. Once installed we then used straps to hold the tower on the reach-lift and moved it horizontally to the mounting fixture where we got the 2 starter bolts installed. Next, resting the tower on several railroad ties we readjusted the slings and raised the



tower vertically and installed that magic "third" bolt. At 6:00 PM that evening the new US tower was ready for electrical power and antennas. After such a long day and great success it was "Miller" time and the antennas could wait until the next day.

The following day the boom-lift was put to use for installing the mast, new rotor, antennas, coax, switch boxes and control cables. All checked out well and no adjustments were required on the anten-



nas. WA5VGI was back up and operating!!

The 2-element 80 meter yagi did its job on 75/80 meters the next winter. New countries such as AP2ZA(75), XR0X(75/80), K1B(75), TI9M(75/80) UK8GK(75) and 9L1BTB(75) and VP6DI(75/80) made it into the log. In addition a number of new band countries/CQ zones were also worked. We had several big wind storms during the winter of 2002 but none affected any of the antennas except a February blow that moved the 80 meter yagi about 190 degrees around the mast. Fortunately there was no damage. I had previously elected not to pin the 80 meter antenna to the mast for just this rea-

(Continued on page 11)

(Continued from page 10)

son and hopefully preclude a rotor failure in the event of high torquing winds.

Linda and I have been retired now for over 6 years up here on the central coast. Both time and events have moved rapidly. Moving up the DX ladder has been both challenging and exciting. But the single memory that stands out in my mind is that of all the fellow DXers and neighbors who were there when there were problems or I needed help. For sake of omission I won't name them here but both they and myself know who they were.

To say I love DXing would be an understatement. I still remember my first DX QSO with a G3 station in 1953 using a 25 foot high dipole on 20 meters, a Bandmaster Senior running 25 watts and a home built 6 tube receiver. I still get a chill down my back listening to eastern European stations in the spring with arctic flutter on their signal. And fighting a DX pileup and finally hearing your signal coming back. Exciting!!

A special thanks to Harvey, K6EXO for allowing me to share this interesting past 6 years with the finest DX club on this planet. See you next year at Visalia. And, please buy me a beer - I spent everything else on antennas!!

EPILOG

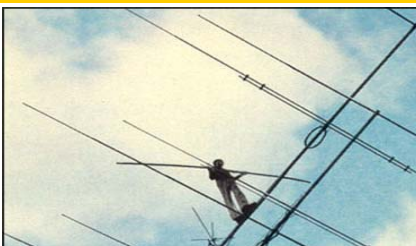
In addition to previously holding All CW and Mixed DXCC awards WA5VGI applied for and was granted between July 2001 and July 2002 DXCC awards for All SSB, and 80, 40, 20, 17, 15, 12, and 10 meters. In addition he received his 5 Band DXCC plaque with endorsements for 17 and 12 meters. In July 2002 he also received his plaque for Mixed Honor Roll. He was awarded the Challenge Award

plaque and has a current band/country count of over 2000. His 30 meter DXCC award (221 confirmed) is pending.

Also, in addition to previously holding Mixed WAZ and all 20 meter CW WAZ he received between February and July 2002 WAZ awards for All SSB, All CW, 40 meter CW, 20 meter SSB, 17 meter CW, 15 meter CW, 15 meter SSB, 12 meter CW, 10 meter CW, 10 meter SSB, and 5 Band WAZ(196 countries-missing zone 38 worked, and zones 34 & 40. He currently has 5 Band WAS confirmed less one QSL missing on

FOR SALE:

Kenwood TS-940 SAT, MC-60 mic. Manual. Very clean, excellent condition. Asking \$950.00 or offer.
Kenwood TL-922 HF Amplifier. 15-160 meters. Manual, New tubes, very clean and excellent condition. Asking \$950.00 or offer.
Kenwood TS-850 SAT with matching PS-52 power supply. Hand mic, Manual, Voice module. Very clean, Excellent condition. Asking \$850.00 or offer.
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**COMMUNICATIONS
SERVICE COMPANY**

Who We Are

The SCDXC Newsletter is published monthly by the Southern California DX Club and is e-mailed to all club members.

Please notify the editor if you do not receive your newsletter, have a change of address, or have found an error.

Please direct all submissions to the editor.

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Club Repeater: W6AM/R
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FOR SALE

1. Tek 7704A Scope with the following modules:
- 7A26 Dual Trace Amp
- 7D13A Digital Multi Meter
- 7D15 225 Mhz Frequency Counter/Timer
- 7B53A Dual Time Base
I have a xerox copy of the user's manual.
2. LogiMetrics Signalock 925 Frequency Generator
- 50Khz to 50 Mhz
- Large digital frequency readout
- Modulation Control
- Amplitude Control -- The Amplitude Meter does not work, but the amplitude control does work.
- No manual or box.

I'm moving and must sell, so please make an offer. I will consider all offers. Pick up only

818-888-5673 or e-mail
kory@avatar.com.

Tnx & 73's,
Kory

**Dues are due!. Still \$18. Send a check for 2003 dues to Treasurer
Cathy Gardenias, 1873 N Dundee, Highland, CA 92346**